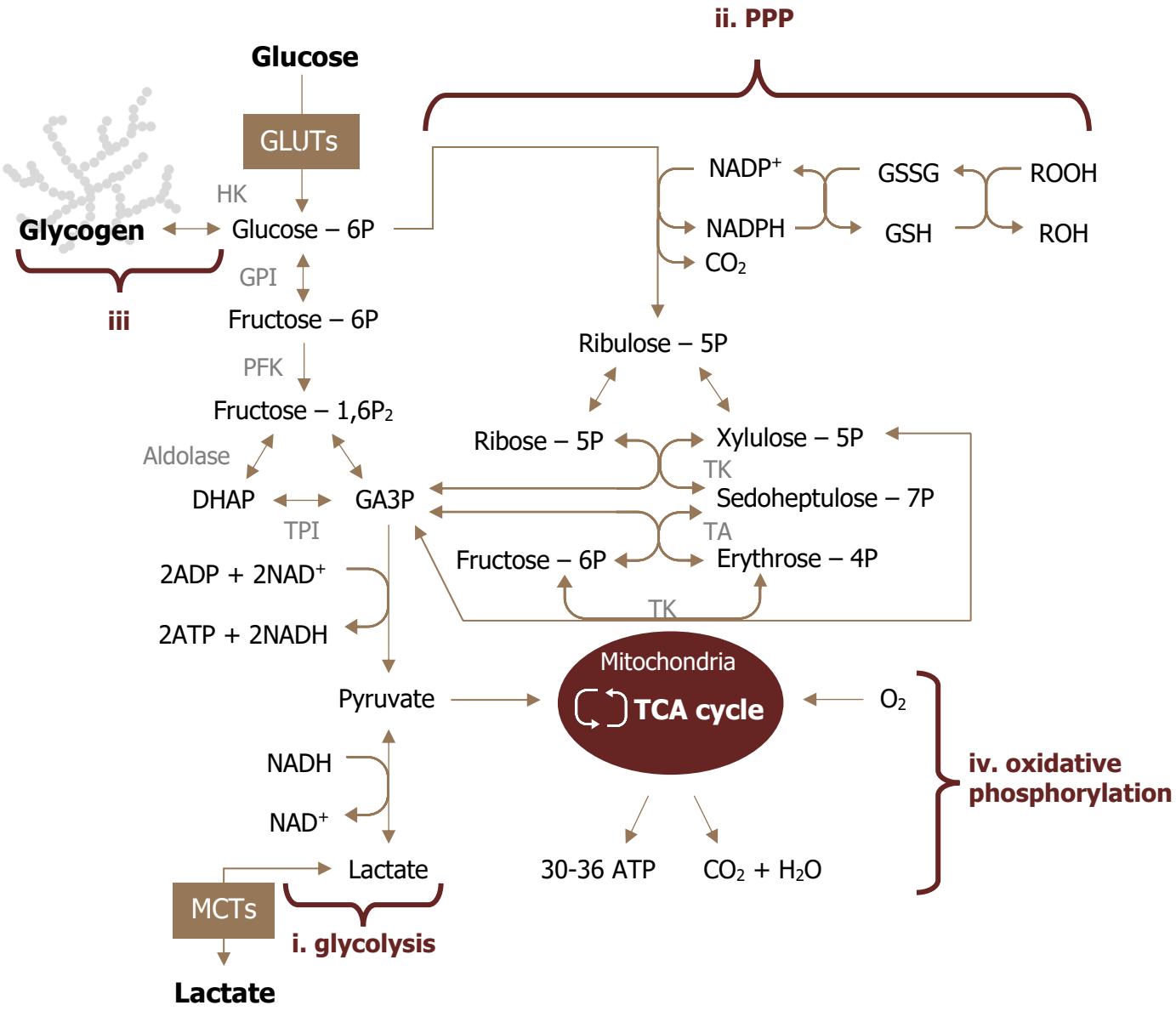
ii. PPP
Glucose
GLUTs
HK
Glycogen
Glucose – 6P
GPI
iii
Fructose – 6P
PFK
Fructose – 1,6P2
Aldolase
DHAP
GA3P
TPI
2ADP + 2NAD+
2ATP + 2NADH
Pyruvate
NADH
NAD+
Lactate
MCTs
i. glycolysis
Lactate
NADP+
GSSG
ROOH
NADPH
GSH
ROH
CO2
Ribulose – 5P
Ribose – 5P
Xylulose – 5P
TK
Sedoheptulose – 7P
TA
Fructose – 6P
Erythrose – 4P
TK
Mitochondria
TCA cycle
O2
30-36 ATP
CO2 + H2O
iv. oxidative phosphorylation